

MATERIAL SAFETY DATA SHEET



Scotts® Oftanol® Grub Control

2410

The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

In Case of Emergency call:
CHEMTREC 1-800-424-9300
International Emergency Telephone Number:
1-703-527-3887 (USA)
For non-Emergency calls:
1-937-644-0011(USA)

I. MATERIAL IDENTIFICATION

Product Name: Scotts® Oftanol® Grub Control
Stock Number: 2410
EPA Reg. Number: 538-225

NFPA Hazard Ratings		
Health	3	D Least
Flammability	2	1 Slight
Reactivity	1	2 Moderate
		3 High
		4 Severe

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA PEL	ACGIH TLV
1-Methylethyl 2-[[ethoxy(1-methylethyl)amino]phosphinothioyl]oxy]benzoate (Isofenphos, Oftanol)	25311-71-1	None	None

III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.
Ingestion: Induce vomiting or perform gastric lavage if large amounts are ingested. Symptomatic and supportive care.
Skin: Wash thoroughly. If irritation persists, get medical attention.
Inhalation: Remove to fresh air. Treat symptomatically.

Isofenphos is a cholinesterase inhibitor. Atropine and 2-PAM are effective antidotes.

IV. HEALTH HAZARD INFORMATION

Summary of Risks:

May be fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe dust or vapor. Causes transient eye irritation. Signs and symptoms of exposure include a sense of tightness in chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea. Active ingredient is a cholinesterase inhibitor.

Primary Entry Route(s): Ingestion, skin.
Acute Effects: Oral LD50 (rat, female): = 1.91 g/kg
Dermal LD50 (rabbit): > 2 g/kg.

Medical conditions which may be aggravated by contact: Inhalation of dust may aggravate asthma.

Ingredients Listed as a Carcinogen: IARC Monographs: No
NTP: No
OSHA: No

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eye wear is normally not required but is suggested so eye contact can be avoided.
Gloves: None required under normal use conditions.
Respiratory: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

VI. PHYSICAL HAZARD INFORMATION

Fire and Explosion	Physical Properties
Flash Point (Test Method): N/A	Appearance: Granular
Flammable Limits (% in Air): N/A	Color: Brown
Auto Ignition Temperature: N/A	Odor: Musty to pungent
Extinguishing Media: Dry chemical	Melting Point: N/A
	Boiling Point: N/A
	Solubility in H₂O: N/A
	Specific Gravity: N/A
	Vapor Pressure: N/A
	Evaporation Rate: N/A

Reactivity

Stability: Stable. Subject to hydrolysis under alkaline conditions.
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known.
Hazardous Decomposition Products: SO₂, P205 Amines, oxides of nitrogen and carbon.
Chemical Incompatibilities: Oxidizing agents

Unusual Fire, Explosion and Reactivity Hazards: None known

In Case of Fire: Use self-contained air supply.

VII. REGULATORY INFORMATION

DOT Classification: Not DOT regulated.

VIII. STORAGE AND SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage.**

See label. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams, or ponds. Keep out of reach of children. Do not contaminate feed or foodstuffs. Wash contaminated clothing with soap and hot water before reuse.

In case of spills:

Keep people away. Sweep up spills. Avoid contact with skin, eyes, clothing. Avoid breathing dust. May be absorbed through the skin. Wash thoroughly after handling.

Waste management/disposal:

See label. Dispose of small waste quantities according to label directions. For large quantities of waste, consult local waste officials.

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